Abstract of the Disclosure

A compiler has a detection unit, a conversion unit,
and a expansion unit. The detection unit detects a
5   predetermined target from an input source program. The
conversion unit converts the target detected by the
detection unit into a procedure call. The expansion unit
generates an online code describing a definition of a
procedure to be called by the procedure call obtained
10 by the detection unit. The compiler outputs a program
in which the target detected by the detection unit is
replaced with a procedure call, and an online code
corresponding to the procedure call.